



PATENTS
EL 984 914 702 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Sanberg, <i>et al.</i>	:	Examiner:	To be assigned
		:		
Serial No.:	09/526,403	:	Art Unit:	1614
		:		
Filed:	March 15, 2000	:	Docket No.:	T103 F1016.1
		:		(Prior Doc. No. L01-03CIP3)

For: Method of Treating Cognitive Deficits in Learning and Memory

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby voluntarily disclose the references listed on the attached Form PTO-1449 to the Commissioner for Patents. This Information Disclosure Statement is being submitted prior to the mailing of a first Office Action on the merits of the application. Accordingly, no fees are due.

Copies of the following references are listed on the attached Form PTO-1449 and are enclosed: D3-D4; D7-D10; D12-D14; D17-D20; D26-D28; D33 and D36. References P1 through P11 and References D1-D2; D5-D6; D11; D15-D16; D21-D25; D29-D32; D34-D35 and D37-D43 are listed on the attached Form PTO-1449 and should be available in corresponding Application Nos. 09/198,882 or 08/935,364 as all references were either previously provided by Applicants or were cited by the Examiner. However, Applicants will provide any necessary copies upon request.

Document D7 is a German language document published with an English language abstract. The abstract appears to suggest that the document comprises a discussion of effects of nicotine in the central nervous system, especially in the dopaminergic and cholinergic systems.

This statement should not be construed as the representation that any search has been made, or that the information cited herewith is material, or that there does not exist information more material to the examination of the present Application. The Examiner is specifically requested not to rely solely on the information submitted herein. On the contrary, the Examiner is requested to conduct an independent and thorough review of all available information, and to form independent opinions as to its significance.


Applicants further reserve the right to establish the patentability of the claimed invention over any of the listed information should they be applied as references, and/or to prove that the cited information may not be prior art, and/or to prove that the cited information may not be enabling for the teachings they purport to offer.

The Examiner is respectfully requested to initial and return copies of the enclosed Form PTO-1449 and to indicate in the official file wrapper of the above-identified patent application that each item of the cited information has been considered.

Respectfully submitted,

Date:

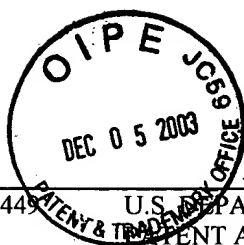
Dec 5, 2003



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Docket: T103 F1016.1

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DKT NO.
T103 F1016.1SERIAL NO.
09/526,403**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**APPLICANT
Paul R. Sanberg, *et al.*FILING DATE
03/15/2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
	P1	2,831,027	4/1958	Pfister, III, <i>et al.</i>	260	563	
	P2	2,894,987	7/1959	Gustav, <i>et al.</i>	260	563	
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	P4	3,164,601	1/1965	Thesing, <i>et al.</i>	260	294.7	
	P5	4,837,218	6/1989	Olney	514	646	
	P6	4,891,380	1/1990	Williams, <i>et al.</i>	514	353	
	P7	5,554,610	9/1996	Williams, <i>et al.</i>	514	223.2	
	P8	5,574,052	11/1996	Rose, <i>et al.</i>	514	343	
	P9	5,583,140	12/1996	Bencherif, <i>et al.</i>	514	299	
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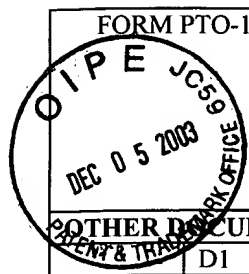
FOREIGN PATENT DOCUMENTS


		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
							YES	NO

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DKT NO. T103 F1016.1	SERIAL NO. 09/526,403
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Paul R. Sanberg, <i>et al.</i>	
				FILING DATE 03/15/2000	
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)					
	D1	Ballivet, <i>et al.</i> , "Nicotine Acetylcholine . . . elegans," JMB., 2296, pp. 261-269 (1996)			
	D2	Banerjee, <i>et al.</i> , "[3H]Mecamylamine Binding to Rat Brain Membranes," <i>Biochemical Pharmacology</i> , Vol. 40, No. 9, pp. 2105-2110 (1990)			
	D3	Bianchi, C. and L. Tomasi, "Central nervous system and autonomic nervous system effects of amantadine and of some standard anti-Parkinson drugs," <i>Pharmacology</i> , 10(4):226-237 (1973).			
	D4	Bruun, R.D. and C.L. Budman, "Risperidone as a treatment for Tourette's syndrome," <i>J.Clin. Psychiatry</i> , 57(1): 29-31 (1996).			
	D5	Emerich, <i>et al.</i> , "Nicotine . . . Locomotor Hypoactivity," <i>Pharm. Biochem. & Behav.</i> , Vol. 38, pp. 875-880 (1991)			
	D6	Emerich, <i>et al.</i> , "Nicotine . . . of Haloperidol, Psychopharm. Bulletin., Vol. 27(3): 385-390 (1991).			
	D7	Erdmann, R., "Nicotine in neuropsychiatric movement disorders," <i>Fortschr Neurol Psychiatr.</i> , 64(9): 362-366 (1996).			
	D8	Freund, R.K., <i>et al.</i> , "Nicotine effects in mouse hippocampus are blocked by mecamylamine, but not other nicotinic antagonists," <i>Brain Res.</i> , 511(2): 187-191 (1990).			
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	D11	Hsu, W., "Toxicity and Drug Interactions of Levamisole," <i>HAVMA</i> , Vol. 176, No. 10, pp. 1166-1169 (May 1980)			
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	D21	McConville, <i>et al.</i> , "The Effects . . . in Tourette's Disorder," <i>Biol. Psychiatry</i> , Vol. 31(8): 832-840 (1992)			
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	D24	<i>Psychopharmacologia</i> (Berl.), "Nicotine-Like . . . after . . . Mecamylamine in . . . rats," 46, pp. 119-121 (1976)			
EXAMINER			DATE CONSIDERED		
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D25	Rupniak, et al. "Antinociceptive and Toxic Effect . . . Attributable to Nicotinic Agonist Activity," <i>Brit. J. Pharmacol.</i> , 113(4): 1487-1493 (1994)				
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D37	Shieh, et al., "Sexual Differences in the Diurnal Changes . . . of Neuron Activity in Rat: Role of Cholinergic Control," <i>Biology of Reproduction</i> , Vol. 54, pp. 987-992 (1996)				
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D42	Stone, et al., "Chemistry and Structure-Activity Relationship of Mecamylamine and Derivatives," <i>Journal of Medicine & Pharm. Chemistry</i> , Vol., 5(4), pp. 665-690 (1962)				
D43	The Merk Index, "5654. Mecamylamine," p. 905 (1989)				
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